

**PATENT COOPERATION TREATY**

**PCT**

**INTERNATIONAL SEARCH REPORT**

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference FP20044	FOR FURTHER ACTION <span style="float: right;">see Form PCT/ISA/220 as well as, where applicable, item 5 below.</span>	
International application No. PCT/AU2004/000965	International filing date (day/month/year) 16 July 2004	(Earliest) Priority Date (day/month/year) 16 July 2003
Applicant BUSHWATER HOLDINGS PTY LTD et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**
  - a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
   
 The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
  - b.  With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.
2.  Certain claims were found unsearchable (See Box No. II).
3.  Unity of invention is lacking (See Box No. III).
4. With regard to the title,
 

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:
5. With regard to the abstract,
 

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.
6. With regard to the drawings,
  - a. the figure of the drawings to be published with the abstract is Figure No. 1
 

as suggested by the applicant.

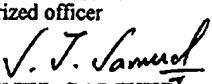
as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.
  - b.  none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000965

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
Int. Cl.?: C02F 1/58		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) WPAT, USPTO, ESP@CE: waste water, phosphorous, magnesium		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6379546 B1 (BRAUN) 30 April 2002 Column 4, lines 38-44; column 16, lines 16-24	1-16
X	Derwent Abstract Accession No. 2001-320645/34, Class D15E37, JP 2001009472-A, (UNTTIKA LTD) 16 January 2001 Abstract page	1-16
X	US 6132624 A (SUZUKI ET AL) 17 October 2000 Column 1, lines 35-40, fig. 3, column 6, lines 48-64	1-16
X	Derwent Abstract Accession No. 2000-596541/57, Class D15, JP 2000210696-A, (KURITA WATER IND. LTD) 02 August 2000 Abstract page	1-16
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C <input checked="" type="checkbox"/> See patent family annex		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"&amp;" document member of the same patent family</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p>		
Date of the actual completion of the international search 12 August 2004	Date of mailing of the international search report 19 AUG 2004	
Name and mailing address of the ISA/AU <b>AUSTRALIAN PATENT OFFICE</b> PO BOX 200, WODEN ACT 2606, AUSTRALIA E-mail address: pct@ipaaustralia.gov.au Facsimile No. (02) 6283 3929	Authorized officer  <b>SERINEL SAMUEL</b> Telephone No : (02) 6283 2382	

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/000965

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	Derwent Abstract Accession No. 1999-627621/54, Class D15, JP 11277073-A, (KURITA WATER IND. LTD) 12 October 1999 Abstract page	1-16
X	Derwent Abstract Accession No. 1999-604103/52, Class D15, JP 11262776-A, (KURITA WATER IND. LTD) 28 September 1999 Abstract page	1-16
X	Derwent Abstract Accession No. 99-223608/19, Class C04 D15, JP 11057748-A, (KURITA WATER IND. LTD) 02 March 1999 Abstract page	1-16
X	US 5720882 A (STENDAHI ET AL) 24 February 1998 Abstract, claims	1-16
X	Derwent Abstract Accession No. 97-190959/17, Class D15 E37, KR 9508039-B1, (SAMSUNG CONSTR. CO. LTD) 24 July 1995 Abstract page	1-16
X	WO 94/00391 A1 (WATER BOARD) 06 January 1994 Abstract, page 1, line 9-page 10, line 17	1-16
X	Patent Abstracts of Japan, JP, 05-154487 A (UNITIKA LTD) 22 June 1993 Abstract page	1-16
X	DE 3833039 A1 (MAIER WERNER (DE)) 05 April 1990 Abstract	1-16
X	Derwent Abstract Accession No. 90-088767/12, Class D15, SE 8802075-A, (HALLBERG R O) 04 December 1989 Abstract page	1-16
X	DE 3732896 A1 (YAWARI TOURADJ DIPL ING (DE); SCHULZE RETTMER RAINER (DE)) 25 August 1988 Abstract	1-16

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/000965

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report				Patent Family Member			
US	6379546	AU	82124/98	BR	9809944	EP	0991594
		HU	0004105	NZ	501895	OA	11228
		US	2003070986	WO	9855402		
JP 2001009472							
US	6132624	CA	2212405	EP	0823401	EP	1342697
		JP	11057695	JP	2001187336	US	5976401
JP 2000210696							
JP 99277073							
JP 99262776							
JP 99057748							
US	5720882	AU	75012/94	CA	2170240	CZ	9600550
		EP	0715603	FI	933750	NO	960733
		PL	313139	WO	9506004		
KR	9508039						
WO	9400391	AU	50130/93	BG	99358	BR	9306609
		CA	2138259	CZ	9403263	EP	0647209
		FI	945946	HU	75444	NO	944936
		SK	159594				
JP 93154487							
DE	3833039						
SE	8802075						
DE	3732896						
Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.							
END OF ANNEX							